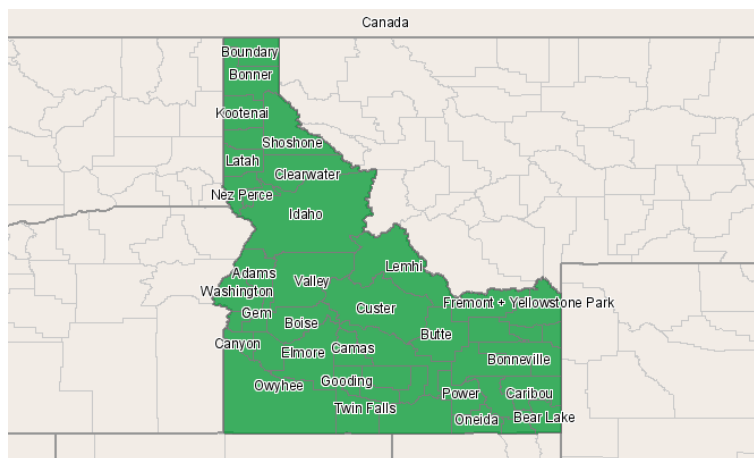


Professional Technical Education



P.O. Box 83720
Boise, Idaho 83720
208.334.3216

Career Cluster Report



Region Info

Region: Idaho

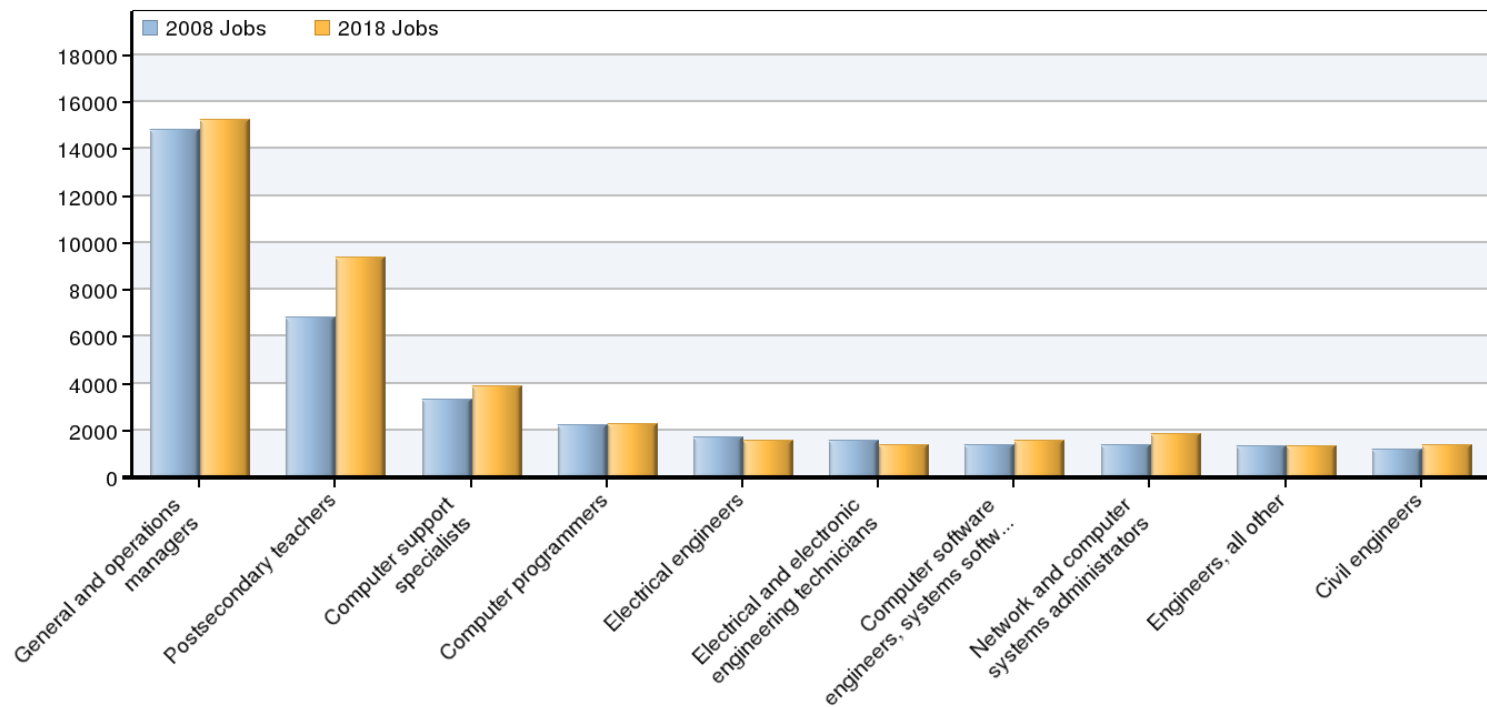
State Area: Idaho

Executive Summary for Science, Technology, Engineering & Mathematics Career Cluster

Education	2008 Jobs	2018 Jobs	Change	Replacement	Current Hourly Earnings
Moderate-term on-the-job training	913	1,022	109	173	\$18.61
Long-term on-the-job training	658	782	124	205	\$10.19
Postsecondary vocational award	1,054	1,111	57	279	\$20.17
Associate's degree	5,986	6,569	583	1,624	\$18.36
Bachelor's degree	20,694	23,435	2,741	4,356	\$29.26
Degree plus work experience	15,931	16,544	613	3,517	\$30.21
Master's degree	1,221	1,472	251	332	\$24.63
Doctoral degree	7,584	10,313	2,729	1,328	\$31.83
Total	54,041	61,248	7,207	11,813	\$28.03

Source: EMSI Complete Employment - 4th Quarter 2009

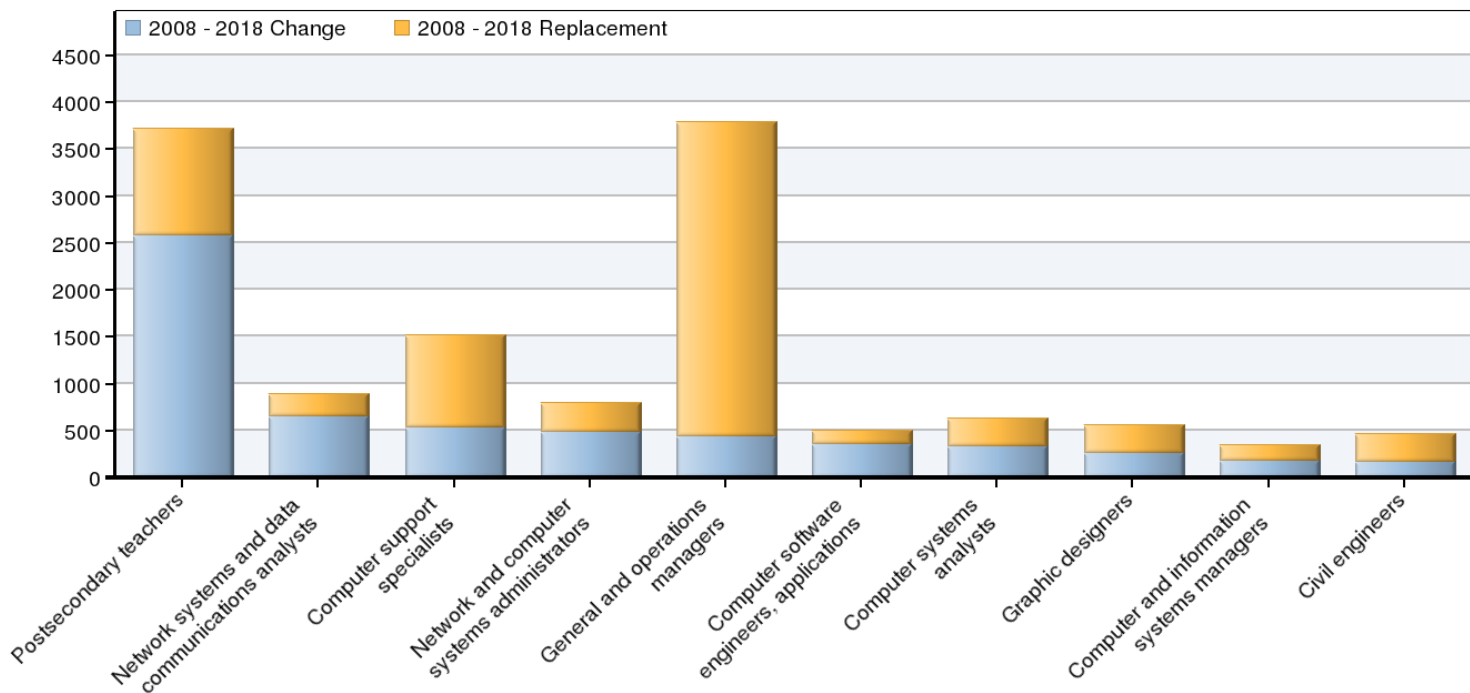
Largest Occupations



SOC Code	Description	2008 Jobs	2018 Jobs	Change	Current Hourly Earnings	Education
11-1021	General and operations managers	14,840	15,276	436	\$29.70	Degree plus work experience
25-1099	Postsecondary teachers	6,801	9,385	2,584	\$32.30	Doctoral degree
15-1041	Computer support specialists	3,336	3,866	530	\$16.29	Associate's degree
15-1021	Computer programmers	2,248	2,258	10	\$22.60	Bachelor's degree
17-2071	Electrical engineers	1,713	1,552	-161	\$35.59	Bachelor's degree
17-3023	Electrical and electronic engineering technicians	1,563	1,390	-173	\$25.98	Associate's degree
15-1032	Computer software engineers, systems software	1,396	1,555	159	\$36.38	Bachelor's degree
15-1071	Network and computer systems administrators	1,391	1,871	480	\$21.91	Bachelor's degree
17-2199	Engineers, all other	1,305	1,349	44	\$33.90	Bachelor's degree
17-2051	Civil engineers	1,196	1,356	160	\$28.00	Bachelor's degree

Source: EMSI Complete Employment - 4th Quarter 2009

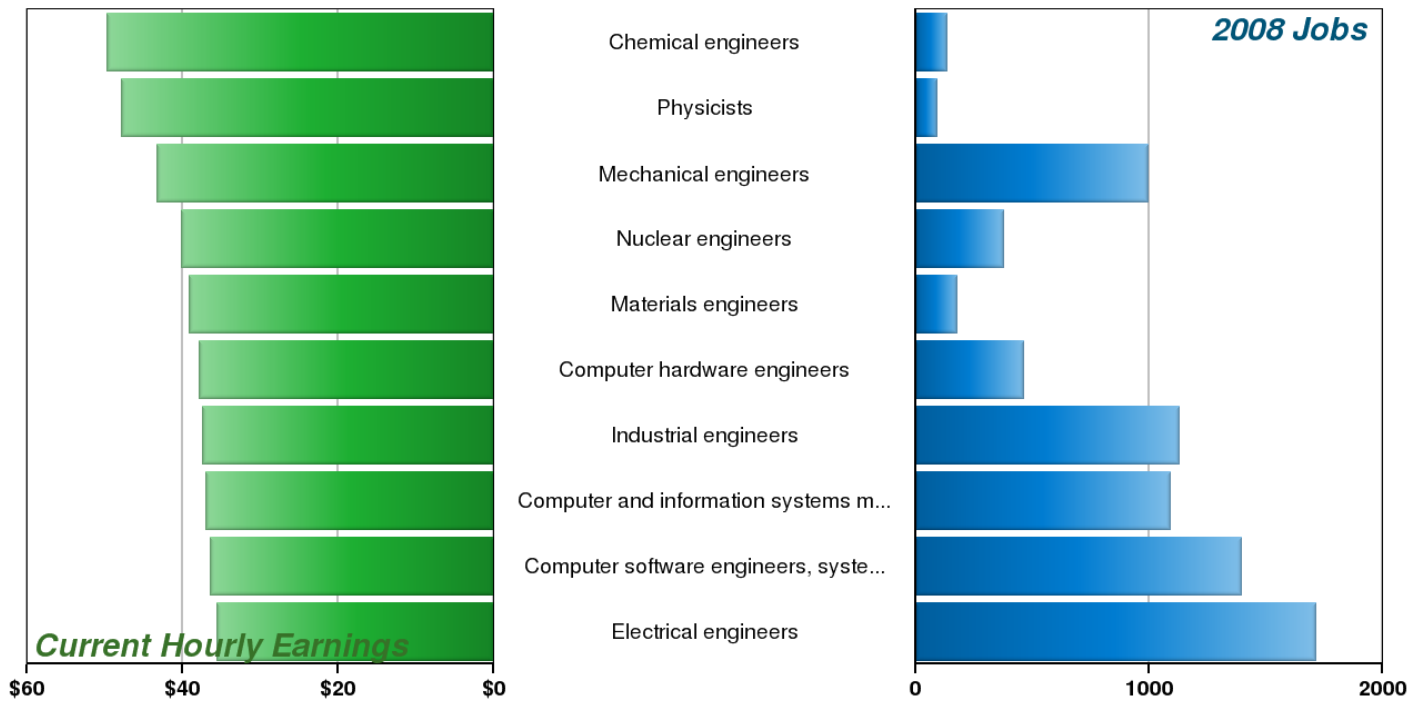
Largest Growth



SOC Code	Description	2008 - 2018 Change	Replacement	Annual Openings	Current Hourly Earnings	Education
25-1099	Postsecondary teachers	2,584	1,129	371	\$32.30	Doctoral degree
15-1081	Network systems and data communications analysts	656	230	89	\$21.47	Bachelor's degree
15-1041	Computer support specialists	530	987	152	\$16.29	Associate's degree
15-1071	Network and computer systems administrators	480	312	79	\$21.91	Bachelor's degree
11-1021	General and operations managers	436	3,348	378	\$29.70	Degree plus work experience
15-1031	Computer software engineers, applications	355	145	50	\$33.01	Bachelor's degree
15-1051	Computer systems analysts	328	297	63	\$28.39	Bachelor's degree
27-1024	Graphic designers	259	297	56	\$16.37	Bachelor's degree
11-3021	Computer and information systems managers	177	169	35	\$36.96	Degree plus work experience
17-2051	Civil engineers	160	299	46	\$28.00	Bachelor's degree

Source: EMSI Complete Employment - 4th Quarter 2009

Highest Earnings



SOC Code	Description	Current Hourly Earnings	2008 Jobs	2008 - 2018 Change	Replacement	Education
17-2041	Chemical engineers	\$49.64	135	-6	34	Bachelor's degree
19-2012	Physicists	\$47.79	89	4	21	Doctoral degree
17-2141	Mechanical engineers	\$43.24	994	-22	196	Bachelor's degree
17-2161	Nuclear engineers	\$40.12	378	-41	83	Bachelor's degree
17-2131	Materials engineers	\$39.07	178	-9	36	Bachelor's degree
17-2061	Computer hardware engineers	\$37.81	464	-110	135	Bachelor's degree
17-2112	Industrial engineers	\$37.39	1,130	63	233	Bachelor's degree
11-3021	Computer and information systems managers	\$36.96	1,091	177	169	Degree plus work experience
15-1032	Computer software engineers, systems software	\$36.38	1,396	159	193	Bachelor's degree
17-2071	Electrical engineers	\$35.59	1,713	-161	331	Bachelor's degree

Source: EMSI Complete Employment - 4th Quarter 2009

*Note: Occupations with fewer than 10 employees are not shown.

Data Sources and Calculations

Career Cluster Data

Career clusters and pathways are collections of standard occupation (SOC) codes. They are defined by the States' Career Cluster Initiative.

Occupation Data

Organizing regional employment information by occupation provides a workforce-oriented view of the regional economy. EMSI's occupation data are based on EMSI's industry data and regional staffing patterns taken from the Occupational Employment Statistics program (U.S. Bureau of Labor Statistics). Wage information is partially derived from the American Community Survey. The occupation-to-program (SOC-to-CIP) crosswalk is based on one from the U.S. Department of Education, with customizations by EMSI.

State Data Sources

This report uses state data from the following agencies: Idaho Department of Labor.